

Make sure you're getting the real thing, look for the "Genuine Bendix"



Your brakes are a system, not a set of individual parts, and not the place to cut corners. A poorly manufactured knock-off air dryer can put your entire system out of spec and have unintended consequences on braking performance and stopping ability.

Stay with the company that pioneered commercial vehicle air dryers and has been leading the way for over 4 decades. Genuine Bendix. Out performs. Out lasts. Outstanding.



Why cut corners? Non-genuine products will cost more over the life of your vehicle. Protect your vehicle by using only genuine Bendix® parts. Talk to your Bendix Account Manager, call 1-800-AIR-BRAKE, (1-800-247-2725), or visit www.bendix.com today.



Why risk this on your vehicle?

Trying to save a few bucks on a non-genuine Bendix replacement air dryer could result in a stranded vehicle, excessive wear on the compressor or premature failure of downstream components/valves.



The picture shown is a dramatization and is not an actual air dryer failure.

Comprehensive testing by Bendix Commercial Vehicle Systems has shown knock-off air dryers, as compared to the industry leading Bendix® AD-9® air dryer, not only fall short of Bendix specifications, but can lead to unintended consequences on braking performance and stopping ability and damage to other components in the air brake system.



The results are in. Take a look...



The facts speak for themselves... take a closer look

The knock-offs used in these tests are actual products bought right off the shelf, and it's just a sample of what we find every day. It is these differences that can, and frequently do, affect the performance, durability and long-term reliability of your braking system.

Test	Knock-off Pass/Fail	Bendix Pass/Fail
Manufacturing Quality	✗	✓
Air Leakage	✗	✓
Operating Durability	✗	✓
Drying Capacity	✗	✓
High Temperature Durability	✗	✓
Desiccant Oil Fouling	✗	✓
Vibration Resistance	✗	✓
Cold Temperature Operation	✓	✓
Freeze-up Resistance	✓	✓
High Pressure Leak/Burst	✓	✓
Paint Adhesion	✓	✓

Knock-off Cartridge After Operating Durability



The Issue: Powdered and Oil Soaked Desiccant

The Impact: Contamination leading to downstream component malfunction or failure

Inferior desiccant delivered 35% less drying capacity and was easily fouled by oil, reducing dryer life by 50%. In addition, the desiccant beads turned to powder, traveling downstream.

O-Ring Following High Temperature Durability



Non-Genuine

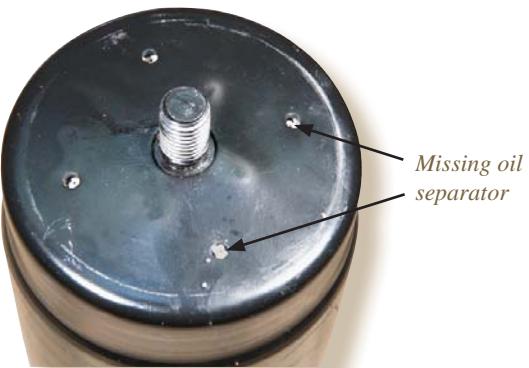
Genuine

The Issue: Inferior O-Ring Material

The Impact: Air loss and excessive leakage, causing unnecessary wear on other components

O-rings become deformed over time. Poor temperature range performance due to o-ring breakdown results in excessive leakage, causing unnecessary wear on other components.

Knock-off Cartridge Right Out Of The Box



The Issue: Lack of Quality Control

The Impact: Poor, or non-functional product performance

Missing parts and poor workmanship were observed with the component in its original box. For instance, the oil separator missing means desiccant can easily escape the cartridge and contaminate your entire vehicle air system.

Knock-off Dryer After Vibration Resistance



The Issue: Broken Mounting Bracket

The Impact: Air dryer may separate from vehicle frame

A broken bracket can lead to air dryer damage.

Knock-off Purge Valve High Temperature Durability



The Issue: Purge Valve Came Apart

The Impact: Unable to build air – vehicle down

Purge valve assembly bolt became loose during testing, causing a massive air leak. The leak was more than the compressor output. The knock-off failed after only 30% of the test was completed.